Fraction of events / 1 GeV $pp \rightarrow h \rightarrow 2n_{1} \rightarrow 2n_{D} + 2~\gamma_{D} \rightarrow 2n_{D} + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_e} = 10 \text{ GeV}, m_{n_e} = 1 \text{ GeV}$ 0.1 $m_{\gamma_{_{D}}}$ = 0.275 GeV, $c\tau_{\gamma_{_{D}}}$ = 1. mm 1st n_D (leading p_T) $-2nd n_D$ 80.0 0.06 0.04 0.02 0 20 40 60 80 100 120 of n [GeV]

CMS Simulation (LHE) 13 TeV